

- Langerhans cells undergo profound morphologic and phenotypical changes during in vitro culture. *J Invest Dermatol* 94:166–173, 1990
9. Aiba S, Katz SI: Phenotypic and functional characteristics of in vivo-activated Langerhans cells. *J Immunol* 145:2791–2796, 1990
 10. Hanau D, Fabre M, Schmitt DA, et al: Human epidermal Langerhans cells cointernalize by receptor-mediated endocytosis "nonclassical" major histocompatibility complex class I molecules (T6 antigens) and class II molecules (HLA-DR antigens). *Proc Natl Acad Sci USA* 84:2901–2905, 1987
 11. Girolomoni G, Cruz PD Jr, Bergstresser PR: Internalization and acidification of surface HLA-DR molecules by epidermal Langerhans cells: a paradigm of antigen processing. *J Invest Dermatol* 94:753–760, 1990
 12. Kolde G, Knop J: Different cellular reaction patterns of epidermal Langerhans cells after application of contact sensitizing, toxic, and tolerogenic compounds. A comparative ultrastructural and morphometric time-course analysis. *J Invest Dermatol* 89:19–23, 1987
 13. Kappler JW, Skidmore B, White J, Marrack P: Antigen-inducible, H-2-restricted, interleukin-2-producing T cell hybridomas. *J Exp Med* 153:1198–1214, 1981
 14. Ozato K, Mayer N, Sachs DH: Hybridoma cell lines secreting monoclonal antibodies to mouse H-2 and Ia antigens. *J Immunol* 124:533–540, 1980
 15. Springer T, Galfrè G, Secher DS, Milstein C: Monoclonal xenogeneic antibodies to murine cell surface antigens: identification of novel leukocyte differentiation antigens. *Eur J Immunol* 8:539–551, 1978
 16. Machy P, Bizozzero J-P, Reggio H, Leserman L: Endocytosis and recycling of MHC-encoded class II molecules by mouse B lymphocytes. *J Immunol* 145:1350–1355, 1990
 17. Mehrlinger JH, Cullen SE: Internalization of Ia molecules by antigen-presenting B cells is limited. *J Immunol* 145:2064–2069, 1990
 18. Willis CM, Stephens CJM, Wilkinson JD: Differential effects of structurally unrelated chemical irritants on the density and morphology of epidermal CD1⁺ cells. *J Invest Dermatol* 95:711–716, 1990
 19. Adorini L, Ullrich SJ, Appella E, Fuchs S: Inhibition by brefeldin A of presentation of exogenous protein antigens to MHC class II-restricted T cells. *Nature* 346:63–66, 1990
 20. St-Pierre Y, Watts TH: MHC class II-restricted presentation of native protein antigens by B-cells is inhibitable by cycloheximide and brefeldin A. *J Immunol* 145:812–818, 1990
 21. Davis JE, Cresswell P: Lack of detectable endocytosis of B lymphocyte MHC class II antigens using an antibody-independent technique. *J Immunol* 144:990–997, 1990
 22. Heuser JE, Anderson RGW: Hypertonic media inhibit receptor-mediated endocytosis by blocking clathrin-coated pit formation. *J Cell Biol* 108:389–400, 1989
 23. Facht J, Andó I: Genetic control of contact sensitivity to oxazolone in inbred, H-2 congenic and intra-H-2 recombinant strains of mice. *Eur J Immunol* 7:223–226, 1977
 24. Mor S, Ben-Efraim S, Leibovici J, Ben David A: Successful contact sensitization to chromatin in mice. *Int Arch Allergy Appl Immun* 85:452–457, 1988
 25. Romagnoli P, Labhardt AM, Sinigaglia F: Selective interaction of Ni with an MHC-bound peptide. *EMBO* 10:1303–1306, 1991
 26. Kolde G, Knop J: Epidermal Langerhans cells internalize and re-express surface Ia molecules in allergic contact dermatitis (abstr). *Arch Dermatol Res* 283:19–20, 1991
 27. Harding CV, Unanue ER: Antigen processing and intracellular Ia. Possible roles of endocytosis and protein synthesis in Ia function. *J Immunol* 142:12–19, 1989
 28. Harding CV, Roof RW, Unanue ER: Turnover of Ia-peptide complexes is facilitated in viable antigen-presenting cells: biosynthetic turnover of Ia vs. peptide exchange. *Proc Natl Acad Sci USA* 86:4230–4234, 1989
 29. Neefjes JJ, Stollorz V, Peters PJ, Geuze HJ, Ploegh HL: The biosynthetic pathway of MHC class II but not class I molecules intersects the endocytic route. *Cell* 61:171–183, 1990
 30. Harding CV, Unanue ER, Slot JW, Schwartz AL, Geuze HJ: Functional and ultrastructural evidence for intracellular formation of major histocompatibility complex class II-peptide complexes during antigen processing. *Proc Natl Acad Sci USA* 87:5553–5557, 1990
 31. Reid PA, Watts C: Cycling of cell-surface MHC glycoproteins through primaquin-sensitive intracellular compartments. *Nature* 346:655–657, 1990
 32. Salamero J, Humbert M, Cosson P, Davoust J: Mouse B lymphocyte specific endocytosis and recycling of MHC class II molecules. *EMBO* 9:3489–3496, 1990
 33. Guagliardi LE, Koppelman B, Blum JS, Marks MS, Cresswell P, Brodsky FM: Co-localization of molecules involved in antigen processing and presentation in an early endocytic compartment. *Nature* 343:133–139, 1990
 34. Adorini L, Appella E, Doria G, Cardinaux F, Nagy ZA: Competition for antigen presentation in living cells involves exchange of peptides bound by class II MHC molecules. *Nature* 342:800–803, 1989

DERMATOLOGY NURSES' ASSOCIATION SETS 1992 SUMMER MEETING

The Dermatology Nurses' Association (DNA) will hold its second annual Summer Meeting June 12–13, 1992, at the Loews New York Hotel, New York City. The program will feature 2 full days of educational sessions and exhibits, including a focus on international nursing and DNA's popular "Dermatology Core Curriculum."

On Friday, June 12, timely updates on nursing in a pluralistic society, dermatology nursing in the United Kingdom, skin and HIV, phototherapy, pediatric AIDS, and surgical intervention in nail care will be presented.

On Saturday, June 13, the Dermatology Core Curriculum will provide a foundation of knowledge for individuals new to the dermatology field as well as update and broaden the knowledge base for those with experience.

Educational exhibits will be open during an evening reception on Friday, and during a continental breakfast and coffee break Saturday morning.

Continuing education credit will be offered for the 2-day program. Nearly 800 dermatology nursing professionals attended DNA's Annual Convention in 1991.

DNA is a 1,700-member specialty nursing organization dedicated to developing and fostering the highest standards of dermatologic nursing care. For DNA Summer Meeting registration information, contact the DNA Executive Secretary, North Woodbury Road/Box 56, Pitman, NJ 08071; (609) 582-1915; FAX (609) 589-7463.